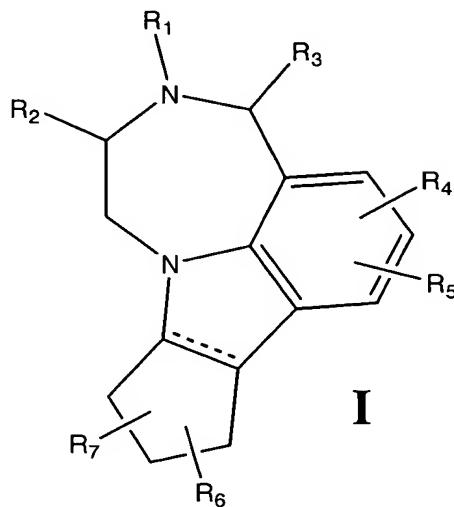


Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

1. (Original) A compound of the formula:



wherein:

R₁ is hydrogen, -C(O)CH₃ or alkyl of 1-6 carbon atoms;

R₂ and R₃ are each, independently, hydrogen, alkyl of 1-6 carbon atoms, cycloalkyl, alkoxy of 1-6 carbon atoms, -CH₂OH, fluorinated alkyl of 1-6 carbon atoms, -NH-SO₂-alkyl of 1-6 carbon atoms, -SO₂-NH-alkyl of 1-6 carbon atoms, alkyl amide of 1-6 carbon atoms, amino, alkylamino of 1-6 carbon atoms, dialkylamino of 1-6 carbon atoms per alkyl moiety, fluorinated alkoxy of 1-6 carbon atoms, acyl of 2-7 carbon atoms, aryl, or aroyl;

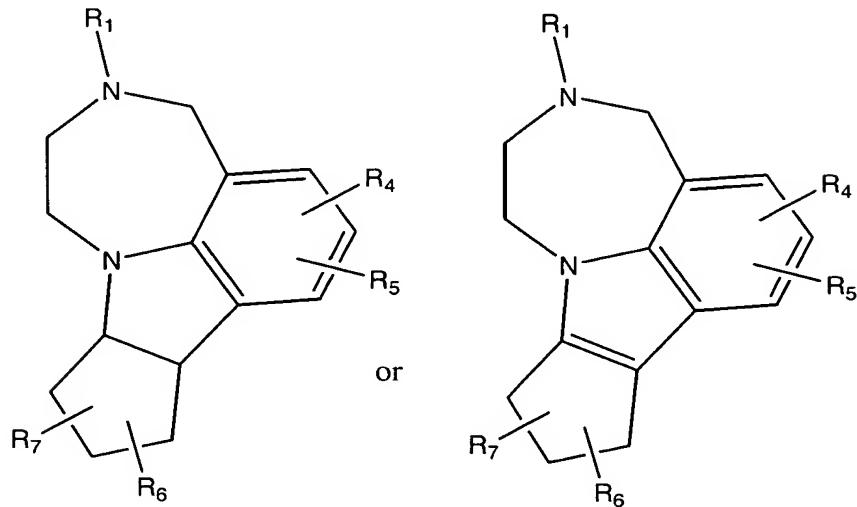
R₄ and R₅ are each, independently, hydrogen, alkyl of 1-6 carbon atoms, alkoxy of 1-6 carbon atoms, halogen, fluorinated alkyl of 1-6 carbon atoms, -CN, -NH-SO₂-alkyl of 1-6 carbon atoms, -SO₂-NH-alkyl of 1-6 carbon atoms, alkyl amide of 1-6 carbon atoms, amino, alkylamino of 1-6 carbon atoms, dialkylamino of 1-6 carbon atoms per alkyl moiety, fluorinated alkoxy of 1-6 carbon atoms, acyl of 2-7 carbon atoms, or aroyl;

R₆ and R₇ are each independently hydrogen, C₁-C₆ alkyl, cycloalkyl of 3 to 7 carbon atoms or -CH₂-(cycloalkyl of 3 to 7 carbon atoms);

the dashed line indicates an optional double bond;

or a pharmaceutically acceptable salt thereof.

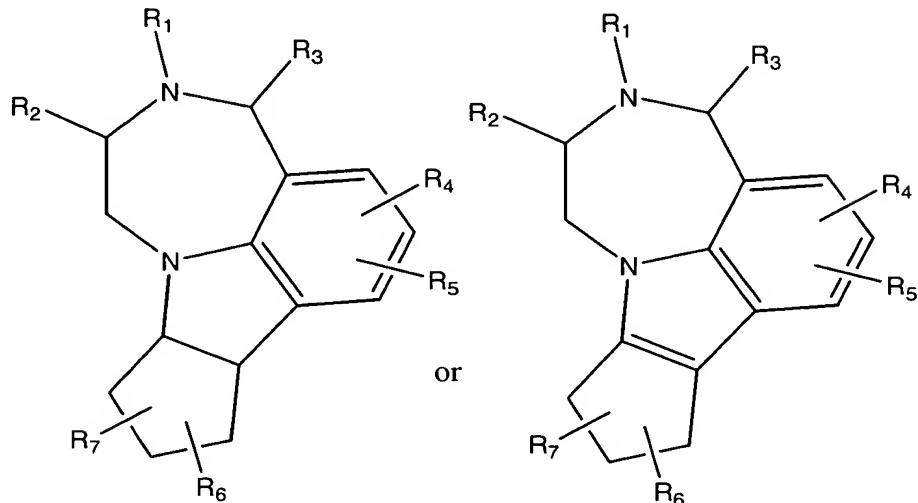
2. (Original) A compound of Claim 1 having the formulae:



wherein R₁, R₄, R₅, R₆ and R₇ are as defined in Claim 1, or a pharmaceutically acceptable salt thereof.

3. (Currently amended) A compound of Claim 1 wherein R₁ and R₇ are hydrogen and [[R₁,]] R₂, R₃, R₄, R₅, and R₆ are as defined in Claim 1, or a pharmaceutically acceptable salt thereof.

4. (Original) A compound of Claim 1 having the formulae:



wherein:

R₁ is hydrogen, or alkyl of 1-6 carbon atoms;

R₂ and R₃ are each, independently, hydrogen, alkyl of 1-6 carbon atoms, cycloalkyl, alkoxy of 1-6 carbon atoms, -CH₂OH, or fluorinated alkyl of 1 to 6 carbon atoms;

R₄ and R₅ are each, independently, hydrogen, alkyl of 1-6 carbon atoms, alkoxy of 1-6 carbon atoms, halogen, -CN, amino or fluorinated alkyl of 1 to 6 carbon atoms;

R₆ and R₇ are each independently hydrogen or C₁-C₆ alkyl;

or a pharmaceutically acceptable salt thereof.

5. (Currently amended) A compound of Claim 1 which is ~~1,2,3,4,9,10-Hexahydro-8H-cyclopenta[b][1,4]diazepino[6,7,1-hi]indole~~ 1,2,3,4,9,10-hexahydro-8H-cyclopenta[b][1,4]diazepino[6,7,1-hi]indole or a pharmaceutically acceptable salt thereof.

6. (Currently amended) A compound of Claim 1 which is ~~1,2,3,4,8,9,10,10a-Octahydro-7bH-cyclopenta[b][1,4]diazepino[6,7,1-hi]indole~~ 1,2,3,4,8,9,10,10a-octahydro-7bH-cyclopenta[b][1,4]diazepino[6,7,1-hi]indole or a pharmaceutically acceptable salt thereof.

7. (Currently amended) A compound of Claim 1 which is ~~3-Acetyl-1,2,3,4,8,9,10,10a-octahydro-7bH-cyclopenta[b][1,4]diazepino[6,7,1-hi]indole~~ 3-acetyl-1,2,3,4,8,9,10,10a-octahydro-7bH-cyclopenta[b][1,4]diazepino[6,7,1-hi]indole or a pharmaceutically acceptable salt thereof.

8. (Original) A compound of Claim 1 which is ~~(7bR,10aR)-1,2,3,4,8,9,10,10a-octahydro-7bH-cyclopenta-[b][1,4]diazepino[6,7,1-hi]indole~~ or a pharmaceutically acceptable salt thereof.

9. (Currently amended) A compound of Claim 1 which is ~~6-Methyl-1,2,3,4,9,10-hexahydro-8H-cyclopenta[b][1,4]diazepino[6,7,1-hi]indole~~ 6-methyl-1,2,3,4,9,10-hexahydro-8H-cyclopenta[b][1,4]diazepino[6,7,1-hi]indole or a pharmaceutically acceptable salt thereof.

10. (Currently amended) A compound of Claim 1 which is ~~(2S)-(rel-7bR,10aR)-2-Methyl-1,2,3,4,8,9,10,10a-Octahydro-7bH-Cyclopenta[b][1,4]Diazepino[6,7,1-hi]Indole~~ (2S)-(rel-7bR,10aR)-2-methyl-1,2,3,4,8,9,10,10a-octahydro-7bH-cyclopenta[b][1,4]diazepino[6,7,1-hi]indole or a pharmaceutically acceptable salt thereof.

11. (Currently amended) A compound of Claim 1 which is ~~(2S)-(rel-7bS,10aS)-2-Methyl-1,2,3,4,8,9,10,10a-Octahydro-7bH-Cyclopenta[b][1,4]Diazepino[6,7,1-hi]Indole~~ (2S)-(rel-7bS,10aS)-2-methyl-1,2,3,4,8,9,10,10a-octahydro-7bH-cyclopenta[b][1,4]diazepino[6,7,1-hi]indole or a pharmaceutically acceptable salt thereof.

12. (Currently amended) A compound of Claim 1 which is ~~(2R)-(rel-7bR,10aR)-2-Methyl-1,2,3,4,8,9,10,10a-Octahydro-7bH-Cyclopenta[b][1,4]Diazepino[6,7,1-hi]Indole~~ (2R)-(rel-7bR,10aR)-2-methyl-1,2,3,4,8,9,10,10a-octahydro-7bH-cyclopenta[b][1,4]diazepino[6,7,1-hi]indole or a pharmaceutically acceptable salt thereof.

13. (Currently amended) A compound of Claim 1 which is ~~(2R)-(rel-7bS,10aS)-2-Methyl-1,2,3,4,8,9,10,10a-Octahydro-7bH-Cyclopenta[b][1,4]Diazepino[6,7,1-hi]Indole~~
~~(2R)-(rel-7bS,10aS)-2-methyl-1,2,3,4,8,9,10,10a-octahydro-7bH-cyclopenta[b][1,4]diazepino[6,7,1-hi]indole~~ or a pharmaceutically acceptable salt thereof.

14. (Currently amended) A compound of Claim 1 which is ~~(2R,7bS,10aS)-1,2,3,4,8,9,10,10a-Octahydro-7bH-Cyclopenta[b][1,4]Diazepino[6,7,1-hi]Indol-2-ylmethanol~~
~~(2R,7bS,10aS)-1,2,3,4,8,9,10,10a-octahydro-7bH-cyclopenta[b][1,4]diazepino[6,7,1-hi]indol-2-ylmethanol~~ or a pharmaceutically acceptable salt thereof.

15. (Currently amended) A compound of Claim 1 which is ~~rel-(4S,7bS,10aS)-4-Methyl-1,2,3,4,8,9,10,10a-Octahydro-7bH-Cyclopenta[b][1,4]Diazepino[6,7,1-hi]Indole~~
~~rel-(4S,7bS,10aS)-4-methyl-1,2,3,4,8,9,10,10a-octahydro-7bH-cyclopenta[b][1,4]diazepino[6,7,1-hi]indole~~ or a pharmaceutically acceptable salt thereof.

16. (Currently amended) A compound of Claim 1 which is ~~rel-(4R,7bS,10aS)-4-Methyl-1,2,3,4,8,9,10,10a-Octahydro-7bH-Cyclopenta[b][1,4]Diazepino[6,7,1-hi]Indole~~
~~rel-(4R,7bS,10aS)-4-methyl-1,2,3,4,8,9,10,10a-octahydro-7bH-cyclopenta[b][1,4]diazepino[6,7,1-hi]indole~~ or a pharmaceutically acceptable salt thereof.

17. (Currently amended) A compound of Claim 1 which is ~~9-Methyl-1,2,3,4,8,9,10,10a-Octahydro-7bH-Cyclopenta[b][1,4]Diazepino[6,7,1-hi]Indole~~
~~9-methyl-1,2,3,4,8,9,10,10a-octahydro-7bH-cyclopenta[b][1,4]diazepino[6,7,1-hi]indole~~ or a pharmaceutically acceptable salt thereof.

18. (Currently amended) A compound of Claim 1 which is ~~(7bR,9R,10aR)-9-Methyl-1,2,3,4,8,9,10,10a-Octahydro-7bH-Cyclopenta[b][1,4]Diazepino[6,7,1-hi]Indole~~
~~(7bR,9R,10aR)-9-methyl-1,2,3,4,8,9,10,10a-octahydro-7bH-cyclopenta[b][1,4]diazepino[6,7,1-hi]indole~~ or a pharmaceutically acceptable salt thereof.

19. (Currently amended) A compound of Claim 1 which is ~~9,9-Dimethyl-1,2,3,4,8,9,10,10a-Octahydro-7bH-Cyclopenta[1,4]Diazepino[6,7,1-hi]Indole~~ 9,9-dimethyl-1,2,3,4,8,9,10,10a-octahydro-7bH-cyclopenta[1,4]diazepino[6,7,1-hi]indole or a pharmaceutically acceptable salt thereof.

20. (Currently amended) A compound of ~~Claim 1~~ which is ~~(7b,10aR)-9,9-Dimethyl-1,2,3,4,8,9,10,10a-Octahydro-7bH-Cyclopenta[b][1,4]-Diazepino[6,7,1-hi]Indole~~ (7b,10aR)-9,9-dimethyl-1,2,3,4,8,9,10,10a-octahydro-7bH-cyclopenta[b][1,4]diazepino[6,7,1-hi]indole or a pharmaceutically acceptable salt thereof.

21. (Currently amended) A compound of Claim 1 which is ~~(7bS,10aS)-9,9-Dimethyl-1,2,3,4,8,9,10,10a-Octahydro-7bH-Cyclopenta[b][1,4]Diazepino[6,7,1-hi]Indole~~ (7bS,10aS)-9,9-dimethyl-1,2,3,4,8,9,10,10a-octahydro-7bH-cyclopenta[b][1,4]diazepino[6,7,1-hi]indole or a pharmaceutically acceptable salt thereof.

22. (Original) A pharmaceutical composition comprising a pharmaceutically effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier or excipient.

23. (Original) A method of treatment of schizophrenia in a mammal, the method comprising administering to a mammal in need thereof a pharmaceutically effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.

24. (Original) A method of treatment in a mammal of obsessive-compulsive disorder, depression, anxiety, panic disorder, anxiety, generalized anxiety disorder, obesity or epilepsy, the method comprising administering to a mammal in need thereof a pharmaceutically effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.